

Sensitivity of visible range multi-wavelength algorithms for retinal tissue oximetry to acquisition parameters: supplement

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SUPPLEMENTAL FIGURES

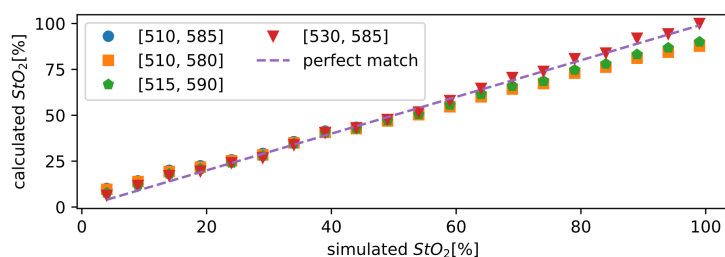


Fig. S1. Selection of the spectral range. Scatter plots of StO_2 values calculated by the multi-wavelength method versus expected values, when the narrow spectral band is set to 510-585 nm, 510-580 nm, 515-590 nm and for comparison, the 530-585 nm range which gives the best agreement. Perfect match is indicated as a dashed line.

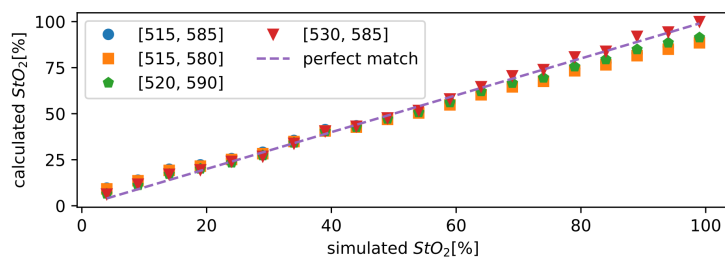


Fig. S2. Selection of the spectral range. Scatter plots of StO_2 values calculated by the multi-wavelength method versus expected values, when the narrow spectral band is set to 515-585 nm, 515-580 nm, 520-590 nm and for comparison, the 530-585 nm range which gives the best agreement. Perfect match is indicated as a dashed line.

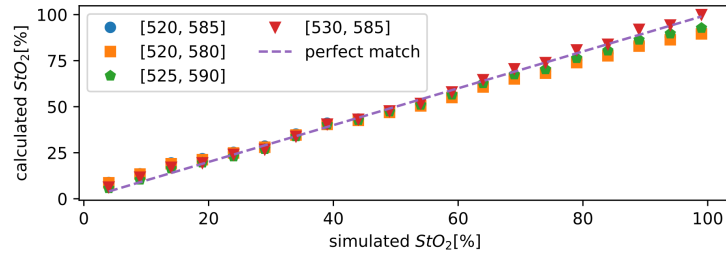


Fig. S3. Selection of the spectral range. Scatter plots of StO₂ values calculated by the multi-wavelength method versus expected values, when the narrow spectral band is set to 520-585 nm, 520-580 nm, 525-590 nm and for comparison, the 530-585 nm range which gives the best agreement. Perfect match is indicated as a dashed line.

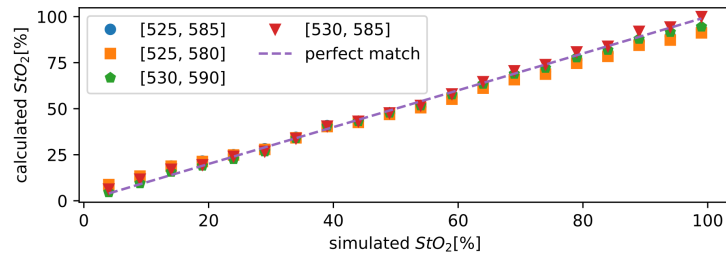


Fig. S4. Selection of the spectral range. Scatter plots of StO₂ values calculated by the multi-wavelength method versus expected values, when the narrow spectral band is set to 525-585 nm, 525-580 nm, 530-590 nm and for comparison, the 530-585 nm range which gives the best agreement. Perfect match is indicated as a dashed line.

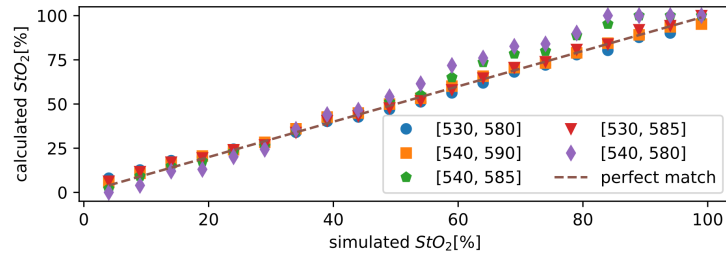


Fig. S5. Selection of the spectral range. Scatter plots of StO₂ values calculated by the multi-wavelength method versus expected values, when the narrow spectral band is set to 530-580 nm, 540-590 nm, 540-585 nm, 540-580 nm and for comparison, the 530-585 nm range which gives the best agreement. Perfect match is indicated as a dashed line.